ABSTRACT:

The invention relates to a processing method for images of a sequence of at least two images IM(t1) and IM(t2) having a surface which is representative of an organ or a part of an organ which is deformable over time and which is referred to as the organ surface, said surface including characteristic points, denoted marked points MP, which correspond to each other from one image to another in the sequence. The method includes a step CALC of calculation of the positions of the marked points MP(t1) and MP(t2), a step DET of determining parameters of an explicit mathematical function f(t1/t2) of the deformation of the organ observed between the two images. Said determining step is carried out from positions of a group MP' of marked points in the two images. Moreover, the invention proposes practical tools to follow the deformation and its possible pathologic abnormalities.

Fig. 1